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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/854,133

DATE: 05/31/2001

TIME: 15:12:18

Input Set : A:\475c10.app.txt

Output Set: C:\CRF3\05312001\T854133.raw

3 <110> APPLICANT: Lodes, Michael J.
4 Mohamath, Raodoh
5 Henderson, Robert A.
6 Benson, Darin R.
7 Secrist, Heather
10 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
11 THE THERAPY AND DIAGNOSIS OF LUNG CANCER
14 <130> FILE REFERENCE: 210121.475C10
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/854,133
17 <141> CURRENT FILING DATE: 2001-05-11
19 <160> NUMBER OF SEQ ID NOS: 735
21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 339
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapien
28 <400> SEQUENCE: 1
29 gtactcagac aggatagtca tcatgttagca caaaagcamat cctgtttctta
30 ttgctctcac tcagtgccat ratcattact atacagtgta gaatgtttrtt
31 gatgtgggt ctctagccca cagctctsta cctttgtctta gcactccctgt
32 ragtggcctg tccatcagca tgtttctcat ctactttgtct tgccaggc
33 tcccttgccc tctcccttat gtggcagagt ggaaccagact gtcctgagact
34 catctggttc gcccatytgc atgtttgtgg tctgagttac
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 698
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo sapien
41 <220> FEATURE:
42 <221> NAME/KEY: misc_feature /
43 <222> LOCATION: (1)...(698)
44 <223> OTHER INFORMATION: n = A,T,C or G
46 <400> SEQUENCE: 2
47 gtactcagac cacgactgca ttttctccac tgctgacggg tctaataccat
W--> 48 tttctggag gcagagctng tgacacctgag aaagtgcacct gtgaccatcat
49 gagctgctgc aagggtgtcat gggagctccc acactccatg cactttwaga
50 gcaggcctca ractgccagg tggtagctcgcc tccatTTTgg tagccatago
51 ggacaactgc aagttggcgt tcttctgaga agaaaaagaa tctgcaaaaagg
52 tgaatcgaaaa gaacacggcc gattgacatc aaaaacgcgt ttcttagcccc
53 tttcgaggaa atgggtgggg actggctct tcaaaggcac tttttggta
W--> 54 yaatcatgtk gacgcctccaa tcttggrragg gaatcgaang rantcnccnc
55 stttcagraaa ccttttgarc atcccttttt ttccgtrtcc cgmmaargcc
W--> 56 ggcttgaaaa wyagcctsigt tgggttctta aattaccart ccacnwgttg
W--> 57 ggccccctgc ccggktccaa ccaattttgg graaaacccc cncansccgt
W--> 58 acaacntgggn nttttcnntt tcgtgntccc ctngaacc
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 697
62 <212> TYPE: DNA

ENTERED

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63 <213> ORGANISM: Homo sapien
 65 <220> FEATURE:
 66 <221> NAME/KEY: misc_feature
 67 <222> LOCATION: (1)...(697) /
 68 <223> OTHER INFORMATION: n = A,T,C or G
 70 <400> SEQUENCE: 3
 71 gtactcagac ccccaaacctc gaacagccag aagacagggtt gtctccctggg ccttggacac 60
 W--> 72 agccngccag gccattgaag ganaagcaaa gacaaggcga accatcttc tccattgtgg 120
 W--> 73 gggccaagta gctgcantan ccttcagttc cagttgcatt gggttaaaga gtcatacat 180
 W--> 74 actatgtgtt aggggtacag aagctttcc tcataaggca tgagctctcc nagagttgac 240
 W--> 75 cttttgcctn aacttgggtt ttctgtgtt cataaagttn ggatatgtat ttttttcaa 300
 W--> 76 attggaaaatccgtattt ggcaaaaaga ctccaggggg atgatactgt ctttgcact 360
 W--> 77 tacagtccaa angatntcc ccaaagaata gacatttttt cctctcatca cttctggatg 420
 W--> 78 caaaatctt tattttttc ctttctcgca ccnccccaga cccctnnag gttnaaccgc 480
 W--> 79 ttccccatctc ccccattcca cacgatntt aatngcann ncgttgntgg tcgggtcccn 540
 W--> 80 nccgaaaagggtt ttttttattt cggggtnctg antnnnaac cnctnagttt aatccgcggg 600
 W--> 81 gcggccnnnngggtnnacc atgntggga naactncccn ccgcgnnttgg aatgccanag 660
 W--> 82 ctttgcatttttgg tcggccccc gagattc 697
 84 <210> SEQ ID NO: 4
 85 <211> LENGTH: 712
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Homo sapien
 89 <220> FEATURE:
 90 <221> NAME/KEY: misc_feature
 91 <222> LOCATION: (1)...(712) /
 92 <223> OTHER INFORMATION: n = A,T,C or G
 94 <400> SEQUENCE: 4
 W--> 95 gtactcagac aaccaatagg tgtgttyctc anatctgaaa cacaaaaaga ttctagctna 60
 W--> 96 taatgttsaa tgggtgaggg tttaaatgtat ctttgtatgt tngatttagc agcgatngc 120
 97 cgggtgcgtt ggctcacgca tttatccag cacttggga ggccgaggca ggaggatcac 180
 W--> 98 ctgaggtcaag gagtttgaga ccagcctggc cgacatggtn aaaccccgtc tctactanga 240
 W--> 99 atacanaaaat tagccccggc atagttggcgt gtgcctrta cctcsgtac tttggggatt 300
 100 ctcctgagga agaattgctt gaactcaggg aagtggargt ttgcagttagt cttaaatcaa 360
 101 gccactggca ctcccagcct gggktaacag agccamgact ctkgccgaaa aaaaaraama 420
 W--> 102 cgacggagaa nmagntctgt tattccatgg gaaattkgaa tttccttcyt tkaaatatot 480
 W--> 103 taaaatnngt cctcctwaaa aaagttcgcc tggggcccgk tggctcacat tttkttaycc 540
 W--> 104 cycccccttt tggggarggc caargggccgg ktgawtnnc ctttgagggg ccanaactcc 600
 W--> 105 agnaaccrgn cccgggccc smgwkgkstr armcccttc cyyccmaraa awwcsmaaa 660
 106 wwttyccsc cygsykggct ggkasckgtt myyyyyygmtm csyagcttgc tt 712
 108 <210> SEQ ID NO: 5
 109 <211> LENGTH: 679
 110 <212> TYPE: DNA
 111 <213> ORGANISM: Homo sapien
 113 <220> FEATURE:
 114 <221> NAME/KEY: misc_feature
 115 <222> LOCATION: (1)...(679) /
 116 <223> OTHER INFORMATION: n = A,T,C or G
 118 <400> SEQUENCE: 5
 W--> 119 gtactcagac cacccatgcacat gcagggttagt aaacatggag ttttttttttgc catcctc 60

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120	acatccctt	gtgagcacgg	ctgctccga	atactgacca	tctggctag	cacgaccta	120
121	cagagggttc	tgcaggatgt	gctatttaa	accagctggg	tgcaacttgt	aaaaacggga	180
W--> 122	atctngaagc	agaacatgtn	atcagcgatg	gctgggattt	gtggacagga	ttgacaggag	240
123	tattttagggc	tctaccaggc	ctgtctacag	gacagcttca	tcgaagggac	atttttaac	300
W--> 124	ctgttatttt	anatnccaca	tatntttttt	aatgctnaag	catacaggtt	gaatttctgg	360
W--> 125	atcgtaacta	ctagtgcatt	ctgaggtta	cagttngaat	atgttctcn	aggtttatca	420
W--> 126	agttntgtta	ttgatgatng	gtaatctaca	cctctggaa	ctgtngaatg	tgaaaaagat	480
W--> 127	ncntncanct	gaccagttt	nagggcactc	tcttctggna	agnaatccgn	ccaaaaaaaaat	540
W--> 128	tgtttnaagg	gggcntgggg	ggtttaaaaa	aatgtttctn	ttnccntaaa	aatgtttacc	600
W--> 129	cnnctattga	aaaaatgggg	gtcgnggggg	gcttnaaatc	cccnantnt	gaatnttna	660
W--> 130	tccggaanct	tggttcccc					679
132	<210>	SEQ ID NO:	6				
133	<211>	LENGTH:	369				
134	<212>	TYPE:	DNA				
135	<213>	ORGANISM:	Homo sapien				
137	<220>	FEATURE:					
138	<221>	NAME/KEY:	misc_feature				
139	<222>	LOCATION:	(1)...(369)	/			
140	<223>	OTHER INFORMATION:	n = A,T,C or G				
142	<400>	SEQUENCE:	6				
143	tcagtccagt	catgggtcct	ataagagaag	tcactctgtg	agtttccatg	gaggaagaaaa	60
144	aagcttcatt	tctttaccct	gcagcaacag	cgagggagg	gagagcctat	cttctttgca	120
W--> 145	aattcataa	ctttgtggtt	gaagggagca	gcgtcngaaa	ctgctttagc	acagtggag	180
146	aaaaacaaac	agattcatct	ccggaaacca	aaggaaagg	tragtggtt	tttatttagcc	240
147	agctgtatcc	tagatggtca	atttccagtg	gatgaataca	ccttacgtac	gtttctcttg	300
W--> 148	cttccttacct	nggcctgatc	agctnggcac	ttraatcatt	ccgtnggggt	wgctgtnaca	360
149	ctggactga						369
151	<210>	SEQ ID NO:	7				
152	<211>	LENGTH:	264				
153	<212>	TYPE:	DNA				
154	<213>	ORGANISM:	Homo sapien				
156	<220>	FEATURE:					
157	<221>	NAME/KEY:	misc_feature				
158	<222>	LOCATION:	(1)...(264)	/			
159	<223>	OTHER INFORMATION:	n = A,T,C or G				
161	<400>	SEQUENCE:	7				
W--> 162	tgctggattra	gggatggggc	acgggagcac	agatmgactt	taactgcccc	cacgtntcm	60
163	aggaaaaggat	tacaggcgtg	agccactg	ccggcctct	tctccactt	cataggttcc	120
W--> 164	agtctctgtt	tcttctttct	cagtttgg	ttttgttcc	ttaaatmatg	gagatnagaa	180
165	tgaacactac	actcggaaatc	aggaagccct	gcctggcgcc	tctgtcacct	gtctaggggc	240
166	ttcttctcac	tgagtcatcc	agca				264
168	<210>	SEQ ID NO:	8				
169	<211>	LENGTH:	280				
170	<212>	TYPE:	DNA				
171	<213>	ORGANISM:	Homo sapien				
173	<220>	FEATURE:					
174	<221>	NAME/KEY:	misc_feature				
175	<222>	LOCATION:	(1)...(280)	/			
176	<223>	OTHER INFORMATION:	n = A,T,C or G				

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178 <400> SEQUENCE: 8
W--> 179 acctcaactg cccanaacan aactgttgta caagatttga ggatttaaca atatttcaca 60
W--> 180 taaaaatattt cagacctacg ngagggctta aagacnaatt aaatgagcac cngtgtgcc 120
W--> 181 accggcccna ttaagaatta gagcaagcag tgaggtgaag cttgtcctt gcttttaaca 180
W--> 182 tagaaaagtga tccaaattca ccaaacttga ctnnggtt tgcagtgtgg ctcctgatt 240
W--> 183 ctagacnctg gcgaaacatt tcatggcaa aaaaaaaaaa 280
185 <210> SEQ ID NO: 9
186 <211> LENGTH: 449
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapien
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (1)...(449) /
193 <223> OTHER INFORMATION: n = A,T,C or G
195 <400> SEQUENCE: 9
W--> 196 tcgtcaactc cagggatggct ttgaaaatna atggacacag atctctcctg ttttgatrat 60
W--> 197 ntgcagtgtc natgactggc tttgcagttt attttgattt aggcaacaga tgccctttt 120
198 gttccctgt ctcccatggg cgtcattca tgggtcctc tgcctcccc cagatattct 180
199 aagttcagga cacaagcttc tggcccatgc agagcagagg ccatgagggg tcacagcatg 240
W--> 200 ggtacggag gaaacactgg gctnaccag atnctggact tggatcttgc ctctgctgct 300
201 tgctgcacag ctctgtcat ggtgctaaac ctgtgacctg ctcacaggc ttagagcatg 360
W--> 202 cccgtagaag tactctnaac taaratgctt tccacaaaatg agatggttc atgaaaactt 420
203 caaatagagg gcctggcaa aaaaaaaaaa 449
205 <210> SEQ ID NO: 10
206 <211> LENGTH: 538
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapien
210 <220> FEATURE:
211 <221> NAME/KEY: misc_feature
212 <222> LOCATION: (1)...(538) /
213 <223> OTHER INFORMATION: n = A,T,C or G
215 <400> SEQUENCE: 10
216 tttttttttt ttcccaaagg cctcaraaca ctatgtttt aattccaagc agaaagttac 60
217 atccgcggg atacatgcca ctgggttga taaatcaaaa tacagcatcc ttcagatccc 120
W--> 218 tttgctgagc aataacaatta ttgttatatg ttactttttt ttctgtttgg ctnaaagatt 180
W--> 219 tgatatgagc tgaggaaaat gaaggcnnnta ctgctatnag atctnatccc tttccaccac 240
W--> 220 ctttcagggta tnttggact gcayatattc agaattcccc nnagtcgctn gtgataaaaa 300
221 tgtcttcaga gatggcagaa tatgtttcct tggatcatg ttcattaaaa atatacacgt 360
W--> 222 gctcactact gtggatatgt atgtnttgac cgatnacaca ggctgattt gggaaagat 420
W--> 223 aaaagcacac ttngaattta ttagccttcc accnagacta anattctgaa attaagaatg 480
W--> 224 tattccttgg tcaacaattt tcccttttcc ttagccctct tacattgtan tggactga 538
226 <210> SEQ ID NO: 11
227 <211> LENGTH: 543
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapien
231 <220> FEATURE:
232 <221> NAME/KEY: misc_feature
233 <222> LOCATION: (1)...(543) /
234 <223> OTHER INFORMATION: n = A,T,C or G

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```

236 <400> SEQUENCE: 11
237 tttttttt ttgccacag ctgccccatctt tgtgtataaa ggcacacccctt ctagggaat      60
238 caaccctcgcatcccagca aatccctctt ctccttctc atgggagtgc cttgtattca      120
W--> 239 tcaggcatctt gggacttgat gtgggtntgg gatttggaaat cagagcacct ngtctctst      180
W--> 240 caccattctn tcacttatta gctctnaccc tgggttaata cctgccttag tgcnttaggt      240
W--> 241 acaatatgaa tattgtctat ttctcaggga ttgcaatgac nagtnatna gtgcattgaga      300
W--> 242 gggtaaaaacc acagggtact ccgcctcc naagaatgga gaatttttc tagaagccca      360
W--> 243 natntgcttg gaagggttggc caccnagagc cnnaatcttc ttttatttnc cactgaangc      420
W--> 244 ctaagaggna attctgaact catcccnna tgacctctcc cgaatmagaa tatctctggc      480
W--> 245 acttaccata ttttcttgcc ctcttccact tacnaaaactc ctttatttcc taacnggacg      540
246 aaa                                         543
248 <210> SEQ ID NO: 12
249 <211> LENGTH: 329
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapien
253 <400> SEQUENCE: 12
254 cgatgacttg ggcaagtggat gggcctcctg ccagggtggca gggcacagct tagaccaaac      60
255 ccttggcctc cccctctgc agstacctt gaccaagaag gaaactagca agcctatgct      120
256 ggcaagacca taggtgggggt gctgggaaatc ctcggggccg gctggcaccc actcctggtg      180
257 ctcaaggag agacccactt gttcagatgc atrggcctca ggcgggtcaa ggcrgtctta      240
258 gagccacaga gtcaaataaaa aatcaattt gagagaccac agcacctgct gctttgatcg      300
259 tgatgttcaa ggcaagttgc aagtcatcg                                         329
261 <210> SEQ ID NO: 13
262 <211> LENGTH: 314
263 <212> TYPE: DNA
264 <213> ORGANISM: Homo sapien
266 <220> FEATURE:
267 <221> NAME/KEY: misc_feature
268 <222> LOCATION: (1)...(314) /
269 <223> OTHER INFORMATION: n = A,T,C or G
271 <400> SEQUENCE: 13
272 cgatgacttg caccgggag ctgtgacagt ggccttggaaag cagatggcag ccccgtaag      60
273 gcgggagtgg agaccaccaa accctccaaa cagagcaaca actagtacgc ggccagcagc      120
274 tacctgagcc tgacgccccga gcagtggaaag tcccacagaa gctacagctg ccaggtcacc      180
W--> 275 catgaaggga gcaccgtgga gaagacagtgc gcccctacag aatgttcata ggttcccnac      240
W--> 276 tctnacccca cccacgggag cctgganctg canatcccg ggggaagggt ctctctcccc      300
277 atcccaagtc atcg                                         314
279 <210> SEQ ID NO: 14
280 <211> LENGTH: 691
281 <212> TYPE: DNA
282 <213> ORGANISM: Homo sapien
284 <220> FEATURE:
285 <221> NAME/KEY: misc_feature
286 <222> LOCATION: (1)...(691) /
287 <223> OTHER INFORMATION: n = A,T,C or G
289 <400> SEQUENCE: 14
W--> 290 cgattacttg cacaatgcan attagaaccc aaatgaaggg tacaacccag atcttctggc      60
291 ttccagtta gtgtgtctgg gtttttctta ctaaaccaaa acaatkaaga gcatagaagg      120
W--> 292 gaagagaaga ataaagtcta ttttggtctt tggtagcchgg ggtaaangaga atgctstcac      180

```

F.Y.I. → **Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\475c10.app.txt
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L:16 M:270 C: Current Application Number differs, Wrong Format
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10

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L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:5960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233
L:5963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233
L:6038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238
L:6159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245
L:6467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261
L:6514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264
L:6702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275
L:6774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279
L:6795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280
L:6817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281
L:6839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282
L:6998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290
L:6999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290
L:7016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291
L:7017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291
L:7030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292
L:7035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292
L:7036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292

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Input Set : A:\475c10.app.txt
Output Set: C:\CRF3\05312001\I854133.raw

L:7037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292
L:7053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293
L:7055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293
L:7057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293
L:7059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293
L:7072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294
L:7076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294
L:7080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294
L:7081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294
L:7111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296
L:7112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296
L:7115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296
L:7116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296
L:7146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298
L:7147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298
L:7148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298
L:7149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298
L:7191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301
L:7210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302
L:7255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304
L:7293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306
L:7307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307
L:7308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307
L:7311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307
L:7313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307
L:7314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307
L:7338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308
L:7384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311
L:7422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:313
L:7450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:314
L:7472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:315

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Input Set : A:\475c10.app.txt
Output Set: C:\CRF3\05312001\I854133.raw

L:7523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318
L:7524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318
L:7562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:320
L:7563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:320
L:7580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:321
L:7594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322
L:7621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:323
L:7622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:323
L:7638 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324
L:7639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324
L:7641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324
L:7664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:325
L:7677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:326
L:7679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:326
L:7714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:328
L:7731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329
L:7733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329
L:7734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329
L:7735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329
L:7737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:329
L:7755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330
L:7756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330
L:7757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330
L:7758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:330
L:7774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331
L:7775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331
L:7776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331
L:7778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331
L:7832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:334
L:7833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:334
L:7871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:336
L:7890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:337
L:7912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338
L:7913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338
L:7934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:339
L:7954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:340
L:7989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:342
L:8024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344
L:8025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344
L:8059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346
L:8155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353
L:8156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353
L:8157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353
L:8158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353

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Input Set : A:\475c10.app.txt
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L:8159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353
L:8173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:8174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:8175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:8176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:8177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354
L:8197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355
L:8198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355
L:8199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355
L:8218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356
L:8238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357
L:8240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357
L:8241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357
L:8259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358
L:8260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358
L:8277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359
L:8278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359
L:8279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359
L:8297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360
L:8299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360
L:8300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360
L:8301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360
L:8318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361
L:8320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361
L:8321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361
L:8341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362
L:8342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362
L:8440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369
L:8456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370
L:8457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370
L:8458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370
L:8475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371
L:8477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371
L:8479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371
L:8493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372
L:8551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376
L:8554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376
L:8624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381
L:8754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:8756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:8757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:8758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:8759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:9251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:9252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:9253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:9254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399
L:9281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401
L:9366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406

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Input Set : A:\475c10.app.txt
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L:9414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409
L:9415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409
L:9416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409
L:9450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411
L:9515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415
L:9530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416
L:9531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416
L:9532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416
L:11827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:11828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:11833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:11836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:11871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:446
L:11902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:11903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:11936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:11939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:11940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:11945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:449
L:11959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:450
L:11983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:11988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:11989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:11991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:11992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:451
L:12006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:452
L:12030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:453
L:12053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:454
L:12084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:455
L:12086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:455
L:12119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:457
L:12124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:457
L:12186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:460
L:12200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:461
L:12242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:463
L:12250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:463

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Input Set : A:\475c10.app.txt
Output Set: C:\CRF3\05312001\I854133.raw

L:12281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:465
L:12319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467
L:12320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467
L:12321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467
L:12322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467
L:12323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467
L:12339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468
L:12346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468
L:12360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469
L:12361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469
L:12369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469
L:12383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:470
L:12405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:471
L:12410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:471
L:12427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:472
L:12437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:472
L:12451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473
L:12452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473
L:12453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473
L:12454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473
L:12456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:473
L:12474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:474
L:12482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:474
L:12496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:475
L:12518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:476
L:12560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:478
L:12570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:478
L:12604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:480
L:12605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:480
L:12606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:480
L:12722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:487
L:13083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:512
L:13084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:512
L:13112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:514
L:13161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:517
L:13197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/854,133

DATE: 05/31/2001
TIME: 15:12:19

Input Set : A:\475c10.app.txt
Output Set: C:\CRF3\05312001\I854133.raw

L:13202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:519
L:13244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:522
L:13251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:522
L:13279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:522
L:13298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:524
L:13357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:525
L:13380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:529
L:13398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:530
L:13399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:531
L:13400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:531
L:13427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:533
L:13445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:534
L:13448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:534
L:13486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:537
L:13531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:540
L:13605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:545
L:13633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:546
L:13791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:13792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:13793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:13795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:13812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:559
L:13825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:560
L:13829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:560
L:13830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:560
L:13852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:561
L:13877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:562
L:13918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:565
L:13957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:567
L:13958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:567
L:13959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:567
L:13960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:567
L:13978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568
L:13979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568
L:13980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568
L:13981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568
L:14053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:573
L:14100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:576
L:14101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:576
L:14158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:580
L:14159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:580
L:14167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:580
L:14552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:597
L:14667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:605
L:14727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:609
L:15160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:636
L:15963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:687

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/854,133

DATE: 05/31/2001

TIME: 15:12:19

Input Set : A:\475c10.app.txt

Output Set: C:\CRF3\05312001\I854133.raw

L:16061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:694
L:16062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:694
L:16063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:694
L:16064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:694
L:16469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:722
L:16471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:722